

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	(US-20050095389-\$). did.	US-PGPUB	OR	ON	2009/07/28 12:23
L2	1	1 and local\$4	US-PGPUB	OR	ON	2009/07/28 12:24
L3	84	428/834.ccls.	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2009/07/28 13:05
L4	18699	ferro\$1electric.ti.	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2009/07/28 13:05
L5	6799	ferro\$1electric and recording	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2009/07/28 13:06
L6	1266	ferro\$1electric WITH recording and L5	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2009/07/28 13:06
L7	36	6 and migration	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/07/28 13:06
L8	24	7 and storage	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/07/28 13:07
L9	0	8 and (metal, metallic) with underlayer	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/07/28 13:08
S1	0	"09443367"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/01/17 11:13
S2	0	"09443367"	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2007/01/17 11:14
S3	1	"60169612"	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2007/01/17 11:15
S4	0	"11467294"	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2007/01/17 11:16
S5	49	newns.in.	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2007/01/17 11:18

S6	7	S5 and ferroelectric	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2007/01/17 12:24
S7	52189	ferroelectric	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2007/01/17 12:24
S8	76	428/834.ccls.	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2007/01/17 12:26
S9	0	S7 and S8	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2007/01/17 12:25
S10	0	428/834.ccls. and ferro \$1electric	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2007/01/17 12:27
S11	52107	ferro\$1electric	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2007/01/17 12:29
S12	0	S11 and S8	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2007/01/17 12:27
S13	16494	ferro\$1electric.ti.	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2007/01/17 12:29
S14	567	S13 and recording	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2007/01/17 12:29
S15	11	S14 and underlayer	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2007/01/17 12:31
S16	1	S15 and migration	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2007/01/17 12:31
S17	7	S14 and underlayer and charge	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2007/01/17 12:32
S18	2	S17 and conduct\$3 adj layer	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2007/01/17 12:33
S19	16497	ferro\$1electric.ti.	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2007/01/18 10:03
S20	567	S19 and recording	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2007/01/18 10:03
S21	7	S20 and underlayer and charge	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2007/01/18 10:39

S22	2	("6515957").PN.	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2007/01/18 10:39
S23	5	"6515957"	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2007/01/18 10:41
S24	76	428/834.ccls.	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2007/01/18 11:22
S25	4735	ferro\$1electric and recording	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2007/01/18 11:23
S26	932	ferro\$1electric WITH recording and S25	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2007/01/18 11:24
S27	5	S26 and charge adj migration	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2007/01/18 11:27
S28	4	S27 and layer\$3	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2007/01/18 11:28
S29	3	"2002326447"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/03/22 10:37
S30	1	(US-20050122005-\$). did.	US-PGPUB	OR	ON	2007/03/22 11:03
S31	0	S30 and top adj electrode SAME perovskite	US-PGPUB	OR	ON	2007/03/22 11:07
S32	1	S30 and top adj electrode	US-PGPUB	OR	ON	2007/03/22 11:58
S33	0	S30 and top adj electrode SAME Si	US-PGPUB	OR	ON	2007/03/22 11:07
S34	0	S30 and top adj electrode SAME doped	US-PGPUB	OR	ON	2007/03/22 11:07
S35	6	newns.in.	US-PGPUB	OR	ON	2007/03/22 11:58
S36	12	(US-20050095389-\$ or US-20060083933-\$ or US-20050122005-\$ or US-20060088731-\$ or US-20040214352-\$ or US-20010026468-\$). did. or (US-6515957-\$ or US-6579754-\$ or US- 5666305-\$ or US- 5519235-\$ or US- 6636433-\$ or US- 7065033-\$).did.	US-PGPUB; USPAT	OR	ON	2007/03/22 14:01

S37	10	(US-20050095389-\$ or US-20060083933-\$ or US-20050122005-\$ or US-20060088731-\$ or US-20040214352-\$ or US-20010026468-\$). did. or (US-6515957-\$ or US-6579754-\$ or US-5666305-\$ or US-5519235-\$ or US-6636433-\$ or US-7065033-\$).did. and Si	US-PGPUB; USPAT	OR	ON	2007/03/22 14:04
S38	3	S37 and Si SAME perovskite	US-PGPUB; USPAT	OR	ON	2007/03/22 14:04
S39	964	zama.in.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/04/05 08:26
S40	37	S39 and conductive adj polymer	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/04/05 08:26
S41	12	(US-20050122005-\$ or US-20010026468-\$ or US-20040214352-\$ or US-20060083933-\$ or US-20060088731-\$ or US-20050095389-\$). did. or (US-5519235-\$ or US-6579754-\$ or US-5666305-\$ or US-6636433-\$ or US-6515957-\$ or US-7065033-\$).did.	US-PGPUB; USPAT	OR	ON	2007/04/05 08:31
S42	7	S41 and conductive	US-PGPUB; USPAT	OR	ON	2007/04/05 08:41
S43	0	S42 and conductive adj polymer	US-PGPUB; USPAT	OR	ON	2007/04/05 08:32
S44	20749	conductive adj polymer	US-PGPUB; USPAT	OR	ON	2007/04/05 08:42
S45	18046	S44 and layer\$3	US-PGPUB; USPAT	OR	ON	2007/04/05 08:43
S46	13075	S45 and substrate	US-PGPUB; USPAT	OR	ON	2007/04/05 08:45
S47	3406	S46 and electrolyte	US-PGPUB; USPAT	OR	ON	2007/04/05 08:45
S48	180	S47 and bundle	US-PGPUB; USPAT	OR	ON	2007/04/05 09:21
S49	60	S48 and cylinder	US-PGPUB; USPAT	OR	ON	2007/04/05 09:05
S50	27	S49 and spring	US-PGPUB; USPAT	OR	ON	2007/04/05 08:54

S51	129	S48 and substrate SAME conductive	US-PGPUB; USPAT	OR	ON	2007/04/05 09:22
S52	29	(US-20050122005-\$ or US-20010026468-\$ or US-20040214352-\$ or US-20060083933-\$ or US-20060088731-\$ or US-20050095389-\$ or US-20040001991-\$ or US-20030224132-\$ or US-20030222048-\$ or US-20030041444-\$ or US-20040038251-\$ or US-20030212306-\$). did. or (US-5519235-\$ or US-6579754-\$ or US- 5666305-\$ or US- 6636433-\$ or US- 6515957-\$ or US- 7065033-\$ or US- 7090784-\$ or US- 6565763-\$ or US- 4808481-\$ or US- 7097781-\$ or US- 6699667-\$ or US- 6491789-\$ or US- 6326215-\$ or US- 6205016-\$ or US- 6060327-\$ or US- 5705265-\$ or US- 5316830-\$).did.	US-PGPUB; USPAT	OR	ON	2007/04/05 09:54
S53	19	S52 and electrolyte	US-PGPUB; USPAT	OR	ON	2007/04/05 09:55
S54	4	S53 and spring	US-PGPUB; USPAT	OR	ON	2007/04/05 09:55
S55	7	"20050122005"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/07/26 13:32
S56	7	"20050122005"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/07/27 13:15
S57	22038	PZT	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/08/30 09:28
S58	7838	S57 and ferroelectric	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/08/30 09:29
S59	2452	S58 and silicon and perovskite	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/08/30 09:29

S60	1152	S59 and charge	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/08/30 09:30
S61	148	S60 and migration	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/08/30 09:30
S62	1046	S60 and thickness	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/08/30 09:31
S63	358	S62 and sbt	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/08/30 09:33
S64	14	S62 and stn	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/08/30 09:32
S65	0	S62 and bamgf4	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/08/30 09:32
S66	1	S62 and nfm	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/08/30 09:32
S67	332	S63 and conduct\$4	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/08/30 09:35
S68	247	S67 and dop\$3	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/08/30 10:20
S69	2	"20050095389"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/08/30 10:19
S70	105	S68 and Sr	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/08/30 10:22
S71	78	S70 and Ru	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/08/30 10:23
S72	75	S71 and under\$5	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/08/30 10:24
S73	75	S72 and layer	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/08/30 10:24
S74	75	S73 and metal\$3	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/08/30 10:52
S75	65	S74 and conduct\$4 WITH layer	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/08/30 11:47

S76	12	S75 and (si, silicon) with perovskite	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/08/30 11:47
S77	0	S76 AND ANGSTROM	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/08/30 11:47
S78	8	S75 and angstrom	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/08/30 11:47
S79	1	(US-20030119271-\$). did.	US-PGPUB	OR	ON	2007/08/30 11:52
S80	0	(US-20030119271-\$). did. and (conduct\$3 with thickness)	US-PGPUB	OR	ON	2007/08/30 11:53
S81	1	(US-20030119271-\$). did. and (conduct\$3 SAME thickness)	US-PGPUB	OR	ON	2007/08/30 12:50
S82	1	(US-20030062553-\$). did.	US-PGPUB	OR	ON	2007/08/30 12:46
S83	1	(US-20030062553-\$). did. and (PZT same (SBT, stn, nfm))	US-PGPUB	OR	ON	2007/08/30 12:47
S84	1	(US-20030119271-\$). did. and (conduct\$3 SAME thickness)and sbt	US-PGPUB	OR	ON	2007/08/30 12:50
S85	2359	257/295.ccls.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/09/24 10:48
S86	1057	S85 and storage	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/09/24 11:10
S87	12	S86 and (metal, metallic) with underlayer	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/09/24 11:10
S88	10	S87 and conduct\$3	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/09/24 11:11
S89	6	S88 and ferro\$1electric	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/09/24 10:56
S90	2	S89 and migration	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/09/24 11:01
S91	59	257/e27.104	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/09/24 11:02

S92	22	S91 and storage	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/09/24 11:01
S93	0	S92 and (metal, metallic) with underlayer	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/09/24 11:01
S94	3	257/e21.104	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/09/24 11:02
S95	233	257/e21.208.ccls.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/09/24 11:02
S96	83	S95 and storage	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/09/24 11:03
S97	1	S96 and (metal, metallic) with underlayer	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/09/24 11:09
S98	73	428/834.ccls.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/09/24 11:09
S99	37	S98 and (storage, memory)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/09/24 11:10
S100	1	S99 and (metal, metallic) with underlayer	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/09/24 11:10
S101	0	S100 and conduct\$3	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/09/24 12:19
S102	2	"6642539".pn.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/09/24 13:29
S103	2	"20050095389"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/09/24 13:29
S104	2	"6642539".pn.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/09/24 14:53
S105	1	S104 and Isco with conductive	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/09/24 15:12
S106	1	S104 and conductive with thickness	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/09/24 15:15
S107	0	S104 and "68" with thickness	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/09/24 15:15



S108	0	S104 and Isco with thickness	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/09/24 15:15
S109	0	S104 and Isco same thickness	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/09/24 15:15
S110	14	"6642539"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/03/16 13:40
S111	1	(US-6642539-\$).did.	USPAT	OR	ON	2008/03/16 13:51
S112	0	S110 and "SrRuO. sub.3" with lower	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/03/16 13:51
S113	1	S110 and "SrRuO. sub.3" same lower	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/03/16 13:51
S114	74	428/834.ccls.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/03/16 15:11
S115	38	S114 and (storage, memory)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/03/16 15:11
S116	17597	ferro\$1electric.ti.	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2008/03/16 15:11
S117	72	S116 and underlayer	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2008/03/16 15:12
S118	7	S117 and migration	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2008/03/16 15:12
S119	0	"10697271"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/06/26 15:54
S120	74	428/834.ccls.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/07/01 12:48
S121	84	428/848.5.ccls.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/07/01 12:48
S122	0	428/848ccls.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/07/01 12:48
S123	39	428/848.ccls.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/07/01 12:48

S124	196	S120 S121 S123	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/07/01 12:48
S125	1	S124 and ferro \$1electric	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2008/07/01 12:49
S126	10	S124 and migration	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2008/07/01 12:50
S127	52	S124 and underlayer	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2008/07/01 12:51
S128	2	S124 and underlayer and charge	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2008/07/01 12:51
S129	3	"11345514"	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2008/07/01 13:04
S130	7	"5905603"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/07/01 13:08
S131	2	"5905603".pn.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/07/01 13:10
S132	1	(US-6642539-\$).did.	USPAT	OR	ON	2008/07/07 08:32
S133	45485	"1" and fe with si	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/07/07 08:33
S134	0	S132 and fe with si	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/07/07 08:33
S135	0	S132 and "72" with si	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/07/07 08:33
S136	1	S132 and ferroelectric with silicon	USPAT	OR	ON	2008/07/07 08:35
S137	0	S132 and ("SrRuO. sub.3" with pzt)	USPAT	OR	ON	2008/07/07 08:47
S138	0	S132 and ("SrRuO. sub.3" same pzt)	USPAT	OR	ON	2008/07/07 08:48
S139	1	S132 and ("SrRuO. sub.3" and pzt)	USPAT	OR	ON	2008/07/07 08:48
S140	1	S132 and("SrRuO. sub.3" and pzt and "SrTiO.sub.3")	USPAT	OR	ON	2008/07/07 08:50

S141	0	S132 and("SrRuO.sub.3" same pzt same "SrTiO.sub.3")	USPAT	OR	ON	2008/07/07 09:02
S142	25	("SrRuO.sub.3" same pzt same "SrTiO.sub.3")	USPAT	OR	ON	2008/07/07 09:03
S143	31019	ferro\$1electric.ab.	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2009/01/19 09:05
S144	25	(ferro\$1electric and under\$1layer).ab.	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2009/01/19 09:06
S145	3	(ferro\$1electric and under\$1layer and (charge, migration)).ab.	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2009/01/19 09:06
S146	0	"10697271"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/07/27 10:28
S147	2	"20050095389"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/07/27 10:30
S148	1	(US-20050095389-\$).did.	US-PGPUB	OR	ON	2009/07/27 10:33
S149	0	S148 and localized adj region	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/07/27 10:33
S150	0	S148 and localized	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/07/27 10:33
S151	0	S148 and region	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/07/27 10:34

7/ 28/ 2009 1:08:38 PM

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